

## ABSTRACT OF THE DISCLOSURE

A network infrastructure integrated system which is able to integrate a telephone line network and a power line network as a single network using a simple circuit includes a first network to which a plurality of Home Information Machines are connected; a second network to which a plurality of Home Information Machines are connected; and a network bridge connected between the first and second networks and enabling the Home Information Machines to share respective applications and data with each other, whereby the cost can be reduced, the interchangeability is increased, and the accessibility to the network can be increased by using both the power lines and the telephone lines.